

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1-16. (Canceled)

17. (Original) Printed product provided with micro-contact printed patterns of hydrophobic molecules layer formed on a substrate using molecular ink including hydrophobic molecules dispersed in solvent and with hydrophilic molecule layer formed on areas of the surface of substrate around the micro-contact printed patterns, wherein the chain length of hydrophilic molecule is shorter than the chain length of hydrophobic molecules.

18. (Original) Printed product as claimed in claim 17, wherein the molecular ink or the hydrophilic solution is formed of polymer.

19. (Original) Printed product as claimed in claim 17, wherein parts of micro-contact printed patterns are printed in order of chain length of micro-contact printed patterns formed of hydrophobic molecules with longer chain length.

20-35. (Canceled)

36. (Original) Printed product with micro-contact printed patterns formed of hydrophilic molecule layer formed on a substrate using molecular ink including hydrophilic molecules dispersed in solvent and with hydrophobic molecules layer formed on areas of the surface of substrate around the micro-contact printed patterns, wherein the chain length of

hydrophobic molecules is shorter than the chain length of hydrophilic molecules.

37. (Original) Printed product as claimed in claim 36, wherein molecules included in the molecular ink or hydrophobic molecule solution is of polymer.

38. (Original) Printed product as claimed in claim 36, wherein parts of micro-contact printed patterns are printed in order of micro-contact printed patterns including molecules with longer chain length.

39-59. (Canceled)

60. (Currently Amended) Printed product provided with micro-contact printed patterns of hydrophobic molecular layer formed on a substrate using hydrophobic molecular ink including hydrophobic molecules and hydrophilic molecular layer formed on areas of the surface of substrate around the micro-contact printed patterns, wherein the printed product is produced utilizing properties of hydrophobic molecules of the micro-contact printed patterns being cohesive by cohesive connection in ~~the~~ water.

61. (Currently Amended) Printed product provided with micro-contact printed patterns of hydrophilic molecular layer formed on a substrate using hydrophilic molecular ink including hydrophilic molecules and hydrophilic molecular layer formed on areas of the surface of substrate around the micro-contact printed patterns, wherein the printed product is produced utilizing properties of hydrophilic molecules of the micro-contact printed patterns being cohesive by hydrogen connection in ~~the~~an organic solution.

62. (Canceled)